

Product/Service Description Document
Experimental Standardized Local Weather Forecast Office Avalanche Weather
Web Page
October 2022

Part I - Mission Connection

- a. Product/Service Description – An experimental standardized local Weather Forecast Office (WFO) Avalanche Weather web page is available for comment and review at 17 WFOs through April 30, 2023. These WFOs are: Gray, ME; Burlington, VT; Albuquerque, NM; Riverton, WY; Boulder, CO; Pocatello, ID; Salt Lake City, UT; Pendleton, OR; Boise, ID; Great Falls, ID; Las Vegas, NV; Spokane, WA; Reno, NV; Missoula, MT; Anchorage, AK; Fairbanks, AK; and Juneau, AK. The Boulder, CO office will produce the web page for all of Colorado.
- b. Product Type – Experimental.
- c. Purpose – In the Winter of 2021-2022, 9 offices hosted experimental standardized WFO Avalanche Weather web pages. These web pages make each local WFO web page consistent with one another, thereby increasing the visibility and accessibility of NWS avalanche weather information. Feedback on the web pages has been overwhelmingly positive, and the experiment is being expanded to 17 offices for the Winter of 2022-2023.
- d. Audience - The audience of the local WFO avalanche weather web pages is a relatively diverse audience. The primary users are the avalanche centers that are located within the County Warning Area (CWA) of the WFO that is hosting the web page. Other users of the web pages include National Weather Service (NWS) partners, including but not limited to emergency management, departments of transportation, search and rescue operations, and law enforcement, the general public, those with an interest in mountain recreation, and commercial entities.
- e. Presentation Format – The experimental web page is available at the following links:

WFO Gray - <https://www.weather.gov/gyx/AvalancheWeather>
WFO Burlington - <https://www.weather.gov/btv/AvalancheWeather>
WFO Albuquerque - <https://www.weather.gov/abq/AvalancheWeather>
WFO Riverton - <https://www.weather.gov/riw/AvalancheWeather>
WFO Boulder - <https://www.weather.gov/bou/AvalancheWeather>
WFO Pocatello - <https://www.weather.gov/pih/AvalancheWeather>
WFO Salt Lake City - <https://www.weather.gov/slc/AvalancheWeather>
WFO Pendleton - <https://www.weather.gov/pdt/AvalancheWeather>
WFO Boise - <https://www.weather.gov/boi/AvalancheWeather>
WFO Great Falls - <https://www.weather.gov/tfx/AvalancheWeather>
WFO Las Vegas - <https://www.weather.gov/vef/AvalancheWeather>
WFO Spokane - <https://www.weather.gov/otx/AvalancheWeather>
WFO Reno - <https://www.weather.gov/rev/AvalancheWeather>
WFO Missoula - <https://www.weather.gov/mso/AvalancheWeather>
WFO Anchorage - <https://www.weather.gov/afc/AvalancheWeather>
WFO Fairbanks - <https://www.weather.gov/afg/AvalancheWeather>

WFO Juneau - <https://www.weather.gov/ajk/AvalancheWeather>

- f. Feedback Method – The NWS is seeking comments on the Experimental Standardized Local Weather Forecast Office Avalanche Weather Web Pages through April 30, 2023 via the on-line survey at:

<https://www.surveymonkey.com/r/wfoavalanchewebpages2022-2023>

Questions or comments regarding the Experimental Standardized Local Weather Weather Forecast Office Avalanche Web Pages should be directed to:

Michael Muccilli
National Weather Service
Analyze, Forecast, and Support Office
Silver Spring, MD
E-mail: michael.muccilli@noaa.gov

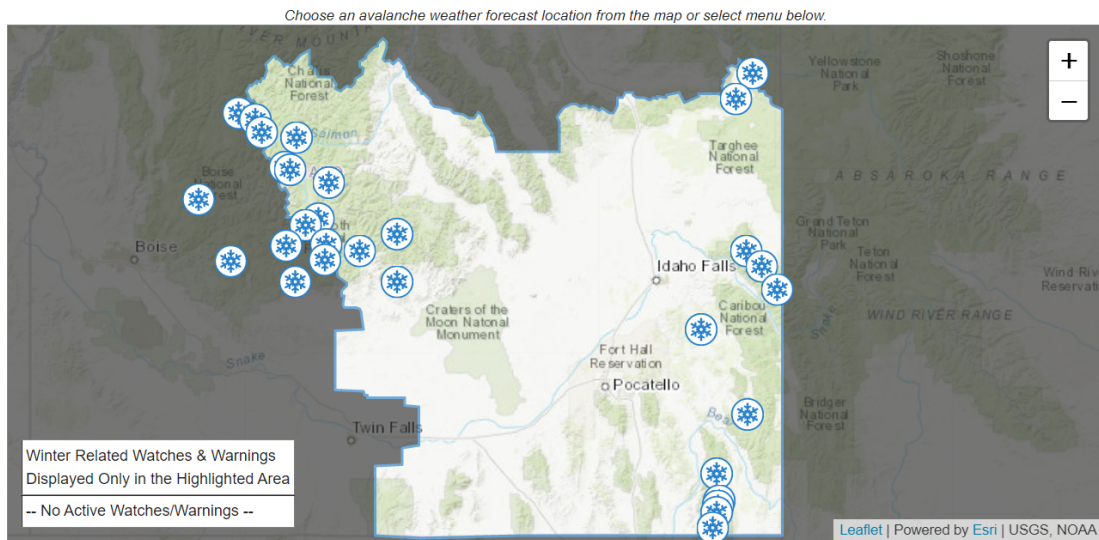
Claudia Bell
Meteorology Program Manager
NWS Western Region Headquarters
Salt Lake City, UT
Email: claudia.bell@noaa.gov

Part II – Technical Description

Format and Content – The website is split into two sections, a nationally consistent display of avalanche weather information and avalanche alerts at the top, and then a section for locally specified content below.

On the top half of the page all National Weather Service-issued weather alerts relevant to avalanche interests, and all avalanche center-issued Avalanche Watches and Warnings are displayed on a map, with clickable points or polygons specified by the WFO. These points or polygons are consistent with the Avalanche Weather Guidance (AVG) text product locations. Once clicked, active weather alerts from the NWS and active avalanche alerts from the avalanche centers, any relevant weather discussion, a precipitation summary table, and a tabular and graphical forecast will be displayed for the selected area.

Below, the local content section is reserved for local WFO customization and may include such things as current weather data, probabilistic snowfall forecasts, snow observation information, satellite imagery, etc.

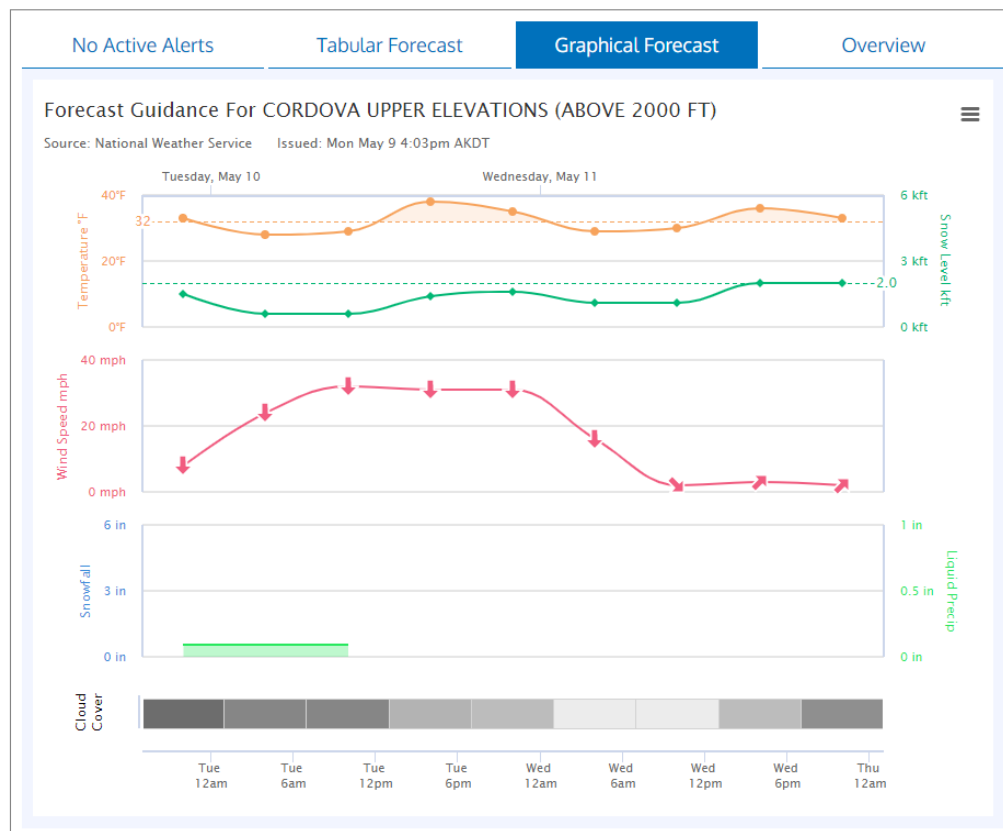


Avalanche Weather Forecast For: [Select a Forecast Location](#)

Active alerts relevant to avalanche interests are displayed on a map, with clickable points or polygons

Avalanche Weather Forecast For:

[CORDOVA UPPER ELEVATIONS \(ABOVE 2000 FT\)](#)



Once clicked, active alerts, a tabular forecast, a graphical forecast, and an overview section (including a discussion and a summary table) are displayed for the selected area